

# WEIGHT AND BALANCE CLEARANCE FORM F

## TRANSPORT AND CARGO

(USE REVERSE FOR TACTICAL MISSIONS)

**FOR USE IN**

**AN 01-1B-40**

[illegible]

| WEIGHT AND BALANCE CLEARANCE FORM F<br>TACTICAL<br>(USE REVERSE FOR TRANSPORT AND CARGO MISSIONS)                |      |                              |                       |                               |        |                                       |        |                 |         | FOR USE IN<br>AN 01-1B-40 |  |
|------------------------------------------------------------------------------------------------------------------|------|------------------------------|-----------------------|-------------------------------|--------|---------------------------------------|--------|-----------------|---------|---------------------------|--|
| DATE                                                                                                             |      |                              | AIRPLANE              |                               |        |                                       | FROM   |                 |         |                           |  |
| MISSION                                                                                                          |      |                              | SERIAL NO.            |                               |        |                                       | TO     |                 |         |                           |  |
| REMARKS                                                                                                          |      |                              | REF                   | ITEM                          |        |                                       |        | WEIGHT          |         | INDEX OR MOM/             |  |
|                                                                                                                  |      |                              | 1                     | BASIC AIRPLANE (From Chart C) |        |                                       |        |                 |         |                           |  |
|                                                                                                                  |      |                              | 2                     | OIL ( Gal.)                   |        |                                       |        |                 |         |                           |  |
|                                                                                                                  |      |                              | 3                     | DISTRIBUTION OF LOAD          |        |                                       |        |                 |         |                           |  |
|                                                                                                                  |      |                              | COMPT.                | CREW                          |        | BAGGAGE                               |        | CARGO AND MISC. |         |                           |  |
|                                                                                                                  |      |                              |                       | NO.                           | WEIGHT |                                       |        |                 |         |                           |  |
| COMPUTER PLATE NO. (If used)                                                                                     |      |                              |                       |                               |        |                                       |        |                 |         |                           |  |
| Pertinent instructions to the pilot for shifting load and crew during takeoff and landing should be noted above. |      |                              | CORRECTIONS (Ref. 11) |                               | 4      |                                       | COMPT. | ROUNDS          | CALIBER |                           |  |
| COMPT.                                                                                                           | ITEM | CHANGES (+ or -)             |                       | AMMUNITION                    |        |                                       |        |                 |         |                           |  |
|                                                                                                                  |      | WEIGHT                       | INDEX OR MOM/         |                               |        |                                       |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       | 5                             |        | OPERATING WEIGHT                      |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       | 6                             |        | FORWARD                               |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       | BOMBS, ROCKETS, ETC.          |        | AFT                                   |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       |                               |        | EXTERNAL                              |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       |                               |        | ROCKETS                               |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       | 7                             |        | BUILT IN ( Gal.)                      |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       | FUEL                          |        | BOMB BAY ( Gal.)                      |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       |                               |        | EXTERNAL ( Gal.)                      |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       | 8                             |        | WATER INJ. FLUID ( Gal.)              |        |                 |         |                           |  |
| TOTAL WEIGHT REMOVED                                                                                             |      | -                            | -                     | 9                             |        | JATO OR RATO                          |        |                 |         |                           |  |
| TOTAL WEIGHT ADDED                                                                                               |      | +                            | +                     | 10                            |        | TAKEOFF CONDITION (Uncorrected)       |        |                 |         |                           |  |
| NET DIFFERENCE (Ref. 11)                                                                                         |      |                              |                       | 11                            |        | CORRECTIONS (If required)             |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       | 12                            |        | TAKEOFF CONDITION (Corrected)         |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       | 13                            |        | TAKEOFF C. G. IN % M. A. C.           |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       | 14                            |        | JATO OR RATO                          |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       | LESS EXPENDABLES              |        | BOMBS                                 |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       |                               |        | AMMUNITION                            |        |                 |         |                           |  |
|                                                                                                                  |      |                              |                       |                               |        | FUEL                                  |        |                 |         |                           |  |
| LIMITS                                                                                                           |      |                              |                       | 15                            |        | ESTIMATED LANDING CONDITION           |        |                 |         |                           |  |
| 1 GROSS WEIGHT TAKEOFF (lb.)                                                                                     |      | 2 GROSS WEIGHT LANDING (lb.) |                       | 16                            |        | ESTIMATED LANDING C. G. IN % M. A. C. |        |                 |         |                           |  |
| 3 PERMISSIBLE C. G. TAKEOFF                                                                                      |      | FROM                         | TO (% M. A. C.)       |                               |        |                                       |        |                 |         |                           |  |
| 4 PERMISSIBLE C. G. LANDING                                                                                      |      | FROM                         | TO (% M. A. C.)       |                               |        |                                       |        |                 |         |                           |  |
| 1 Enter constant used.                                                                                           |      |                              |                       | COMPUTED BY                   |        |                                       |        |                 |         |                           |  |
| 2 Enter values from current applicable T.O.                                                                      |      |                              |                       | WEIGHT AND BALANCE TECHNICIAN |        |                                       |        |                 |         |                           |  |
| 3 Applicable to gross weight (Ref. 12).                                                                          |      |                              |                       | PILOT                         |        |                                       |        |                 |         |                           |  |
| 4 Applicable to gross weight (Ref. 15).                                                                          |      |                              |                       |                               |        |                                       |        |                 |         |                           |  |